"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

ACC NR: AP6013575 IJP(c) JD SOURCE CODE: UR/0032/65/031/008/1020/1021

AUTHOR: Lomberg, B. S.; Vertman, A. A.; Yakobson, A. M.; Zheladnov, V. I.; Polyakov, A. Yu.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)

TITLE: Unit for measuring the interphase metal-slag tension at high temperatures

SOURCE: Zavodskaya laboratoriya, v. 31, no. 8, 1965, 1020-1021

TOPIC TAGS: furnace, slag, thermocouple, vacuum seal, x ray application, molten metal, corundum, magnesite

ABSTRACT: This device is a resistance furnace with a two-filament heater. A crucible is placed in the isothermal zone of the heater on a magnesite support. The melting point is measured with a platinum-platinum-rhodium thermocouple set on the bottom of the crucible. A device mounted on the top cover permits adding of slag during the experiment. Sealing of the assembly is done with vacuum seals. Viewing windows are covered with 0.1-0.2 mm thick aluminum foil. Construction of the unit permits its operation in either a vacuum or in a neutral gas atmosphere. Experiments were conducted on corundum and magnesite crucibles, 35 mm in diameter. A substrate cut from a cylindrical crucible of smaller diameter made of the same material is placed on the bottom of the crucible. Diameter of the metal drop on this substrate is 18-20 mm. To obtain an upper edge of the

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ACC NR: AP6013575

substrate border in the form of a true sphere, it is polished with convex and concave spheres. This provided for symmetry of the liquid metal drop. X-rays were taken with an RUP-1 x-ray device.

Because of the protective shields and the intensive water cooling of the furnace housing it is possible to place the film at a minimum distance from the object. The film is placed in an aluminum cassette protected from scattering radiation by lead plates, 2 mm thick. Distance from the center of the drop to the film is 10 cm and 110 cm to the focal point of the tube. A clear image of the metal drop in the slag is obtained when the voltage on the tube is 180 kilovolts, current force-15 milliamps, and at an exposure time of 40-60 seconds. The interphase stress is calculated according to the dimensions of the drops found. The interphase tension of certain nickel-base alloys with slags was determined. The unit can be recommended for measuring the interphase tension between metals and slags of different compositions. Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001

Card 2/2

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBERT, M.I.; PETRUKHIN, M.Ye.;

Time relay for spectroscopic analysis. Zav.lab.21 no.10:1251-1252 '55. (Electric relays) (MLRA 9:1)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBERT, M. M.

"The Scattering of Light in Quartz Crystals,"

4, No. 1, 1940. Sci. Res. Inst. Physics,

Moscow State Univ. -1940-.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LUCZAK, J.

"Causes of Increasing Frequency of Periods of Drought in Polish Lands." p. 48 (GOSPODARKA WODNA, Vol. 13, No. 2, Feb. 1953

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No 10, October 1953. Unclassified.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBAS, Henrik, dr. (Oslo)

New method for heating [illegible]. Vasc. [illegible]

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, K.

Results of the new organization of the agronomic service in the Galanta Machine-Tractor Station.

p. 537 (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 21, Nov. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, O.

The results and experiences with streptomycin treatment in meningeal tuberculosis at the Children Hospital in Pecs. Orv. hetil. 93 no. 4:116-120 27 Jan 1952. (CLML 23:3)

1. Doctor, 2. Children's Clinic (Director -- Prof. Dr. Odon Kerpel-Fronius), Pecs Medical University.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, O.;RADEK, M.

Simultaneous puncture of various bones for examination of the bone marrow in pathological processes in infants. Orv. hetil. 94 no.20:546-551 17 May 1953. (CIML 25:1)

1. Doctors. 2. Children's Clinic (Director -- Prof. Dr. Odon Kerpel-Fronius), Pecs Medical University.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, dr.

Spinal block (Froin's syndrome) in tuberculous meningitis; favorable therapeutic effect of isoniazid. Orv. hetil. 95 no.52:1423-1428 26 Dec 54.

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: Kerpel-Fronius Odon dr. egyet. tanar) kozlemenye.

(CEREBROSPINAL FLUID
Froin's synd. in meningeal tuberc., isoniazid ther.)
(NICOTINIC ACID ISOMERS, ther. use
isoniazid in meningeal tuberc. with Froin's synd.)
(TUBERCULOSIS, MENINGEAL, CSF in
Froin's synd., ther., isoniazid)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, dr.; RADEK, Mar, dr.; SZONYI, Laszlo, dr.

Cellular changes in the bone marrow and in the peripheral blood in tuberculosis in children following prolonged application of massive doses of isoniazed. Orv. hetil. 96 no.7: 176-182 13 Feb 55.

1. A Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: Kerpel-Fronius Odon dr. egyet, tanar) kozlemenye.

(BLOOD
picture, eff. of isoniazid in tuberc. in child)
(NICOTINIC ACID ISOMERS, effects,
isoniazid on blood picture in tuberc. in child)
(TUBERCULOSIS, in infant and child,
ther., isoniazid, eff. on blood picture)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

SZONYI, Laszlo, dr.,; LOMBOS, Oszkar dr.,; RADKK, Maria, dr.

Value of chemical investigation of cerebrospinal fluid in early diagnosis of non-purulent meningitis. Orv. hetil. 96 no.50: 1384-1387 11 Dec 55.

1. A Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak(igazgato: Kerpel-Fronius Odon dr. egyet. tanar) kozlemenye.

(MENINGITIS, cerebrospinal fluid in protein, sodium chloride & sugar determ., early diag. value in non-purulent meningitis (Hun))

(CEREBROSPINAL FLUID,in various dis. meningitis, non-purulent, protein, sodium chloride & sugar determ., early diag. value (Hun))

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, O

Changes in the composition of bone-marrow cells of tuberculous children and the behavior of the peripheral blood after prolonged treatment with isonicotinoyl hydrazido, in large doses. O. Lombos, M. L. Radek, and L. Szonyi (Univ. Pécs, Hung.). *Mellatsskr. Kinderheilk.* 103, 508-14(1955). —The treated patients showed a lymphocytosis of the bone marrow, which is considered to be a sign of favorable response. A. E. Meyer

(2)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, dr.; SZONYI, Laszlo, Dr.; RADEK, Maria, L-ne, Dr.

Diagnostic value of the appearance of large quantities of polynuclear cells in the cerebrospinal fluid in non-suppurative meningitis of children. Gyermekgyogyaszat 8 no.9-10:294-299 Sept-Oct 57.

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak Kozlemenye (Igazgato: dr. Kerpel-Fronius Odon egyetemi tanar).

(MENINGITIS, in inf. & child
non-suppurative, diag. value of appearance of large quantities of polynuclear cells in CSF (Hun))
(CEREBROSPINAL FLUID, in various dis.
meningitis in child., non-suppurative, diag. value of appearance of large quantities of polynuclear cells (Hun))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, Dr.; SZONYI, Laszlo, Dr.

Results in the therapy of childhood tuberculous meningitis using modern antituberculotics. Orv. hetil. 99 no.7:241-244 16 Feb 58.

1. A Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: Kerpel-Fronius Odon dr. egyet. tanar) kozlemenye.
(TUBERCULOSIS, MENINGEAL, in inf. & child
ther., streptomycin alone & with isoniazid (Hun))

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, dr.; SZONYI, Laszlo, dr.; HUTAS, Zsuzsanna, dr.

Difficulties in the evaluation of bone marrow smears in early diagnosis of leukemias in children and adolescents. Gyermekgyogyaszat 12 no.1:16-22 Ja '61.

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak kozlemenye.
(BONE MARROW pathol)
(LEUKEMIA diag)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

SZONYI, L.; LOMBOS, O.; HUTAS, Susanne

Appraisal of the initial symptoms of leukaemia in childhood. Acta paediat Acad Sci Hung 2 no.1:1-5 '61.

1. Department of Paediatrics, University Medical School, Oecs.

(LEUKEMIA in inf & child)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBOS, Oszkar, dr.; HUTAS, Zsuzsanna, dr.; SZONYI, Laszlo, dr.; GOFMAN, Ljubov[Liubov], dr.

Relation of bone marrow plasmocytes to serum gamma globulins in infancy. Orv. hetil. 102 no.14:637-639 2 Ap '61.

1. Pecsi Orvostudomanyi Egyetem, Gyermekklinika es II Belklinika.

(GAMMA GLOBULIN)
(BONE MARROW anat & histol)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

FOHL, Erzsebet, dr.; LOMBOS, Oszkar, dr.

Prognosis in neonatal hemolysis caused by ABO incompatibility not treated with exchange transfusion. Orv. hetil. 105 no.44:2073-2075 1 N '64.

1. Pecsi Orvostudomanyi Egyetem, Gyermekklinika (igazgato: Kerpel-Fronius Odon dr.).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

L 22124-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/EWP(k)/EWA(c) Pf-4/Peb MM

ACCESSION NR: AR5005468 S/0124/64/000/012/V011/V011

SOURCE: Ref. zh. Mekhanika, Abs. 12V83

AUTHOR: Lombrozo, Yu. M. 29 28 13

TITLE: Determination of the lower limit of stability of an orthotropic initially deflected cylindrical shell elongated in one direction

CITED SOURCE: Tr. Omskogo in-ta inzh. zh.-d. transp., v. 43 no. 2, 1963, 149-162

TOPIC TAGS: structure analysis, shell structure dynamics, orthotropic shell, membrane buckling

TRANSLATION: The equations of thin elastic orthotropic low-curvature shells with finite deflection, expressed in terms of the deflection and the force function F, are used to investigate the post-

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

critical behavior of an orthotropic circular freely supported cylindrical panel with initial deflection, compressed in a longitudinal direction. The additional deflection w and the initial deflection w_i have different coefficients and are chosen in the form

$$\frac{w_i}{w} = \frac{f_i}{f} = \sin\frac{m\pi x}{a}\sin\frac{n\pi y}{b} = w(x, y) \qquad (*)$$

where f_i and f -- amplitudes of the initial and additional deflections; a, b -- length and width of panel; x, y -- longitudinal and peripheral coordinates, m, n -- number of half-waves in the longitudinal and peripheral directions.

The force function F is represented in the form

$$F = F_0 w - \sigma y^2 \frac{1}{2}$$

where F_0 -- constant, σ -- longitudinal compression stress. The

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equilibrium equation and the equation for the compatibility of deformation are then multiplied by w(x, y), determined from (*) and integrated over the surface of the panel.

The waves are further assumed to be of equal length in the longitudinal and peripheral directions, and formulas are then obtained for the upper critical stress (Poisson coefficient $\nu = 0.3$)

$$\sigma^* = 0.606,\ \sigma^* = \frac{\sigma R h_x}{E h^2 \sqrt{\varphi}}$$

and for the lower critical stress

$$\sigma^* = \frac{k}{1 + 7.1 E_x b_x / b_y^2},\ k = 0.20$$

Here R, h -- respectively the radius and thickness of the shell; E -- Young's modulus; $h_x = x + E_x/b_y$; E_x, b_y -- the area and the pitch of the longitudinal rib, respectively; φ -- some integral

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

L 32124-65

ACCESSION NR: AR5005468

rigidity coefficient.

It is noted that a value k = 0.25 was obtained for an isotropic shell in a paper by O. N. Len'ko (Tr. Rizhsk. vyssh. inzh.-aviats. voyenn. uch-shcha, 1958, No. 62, 3--59; see also in the collection Raschet prostranstv. konstruktsiy [Design of Three Dimensional Structures], No. 4, Moscow, Gosstroyizdat, 1958, 499--524 -- RZhMekh, 1959, No. 6, 6648).

A table is presented of the results of seven experiments on panel compression, but without a description of the geometry of the panels, their manufacture, and the experimental conditions. E. I. [illegible]k.

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APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMBROZO, Yu.M.

Determining the low limit of stability of an orthotropic cylindrical shell with initial deflection elongated in one direction. Trudy OMIIT 43 pt.2:149-162 '63.

Methodology of the design for stability of roofs for all-metal cars. Ibid.:163-185 (MIRA 18:10)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

ACC NR: AR6030398 (N) SOURCE CODE: UR/0124/66/000/006/V009/V009

AUTHOR: Lombrozo, Yu. M.

TITLE: The calculation of the carrying capacity of a circular cylindrical panel with initial bending

SOURCE: Ref. zh. Mekhanika, Abs. 6V66

REF SOURCE: Nauchn. tr. Omskiy in-t inzh. zh.-d. transp., v. 49, 1965, 91-106

TOPIC TAGS: cylindric shell, structure, bending stress

TRANSLATION: On the basis of the theory of thin elastic sloping shells of finite deflection, a study is made of the stability in a large circular cylindrical panel reinforced with ribs lengthwise and crosswise and uniformly compressed in a longitudinal direction. The method used is that of Ritz in Papkovich's variant. The approximating function of full deflection takes into account the initial bending of shell f_{H_4} and is taken in two variants:

$$w_1 = f_{H_4} \sin\frac{\pi x}{a} \sin\frac{\pi y}{b} + f_1 \sin\frac{\pi x}{a} \sin\frac{\pi y}{b}$$

$$w_2 = f_{H_4} \sin^2\frac{\pi x}{a} \sin^2\frac{\pi y}{b} + f_1 \sin^2\frac{\pi x}{a} \sin^2\frac{\pi y}{b}$$

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

ACC NR: AR6030398

Here x, y are the longitudinal and lateral coordinates of points on the mean surface of the panel and a, b are the length and width of the panel. The effect of initial bending is studied. The results correspond with those already obtained for closed cylindrical shells. 3 references. V. I. Shalashilin.

SUB CODE: 20, 13

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

TSZEN SYU-FU [TS'eng Hsiu-fu], kand.istor.nauk; LOMDZHARIA, L.D., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[Progress in the economic construction of the Chinese People's Republic] Uspekhi ekonomicheskogo stroitel'stva Kitaiskoi Narodnoi Respubliki. Moskva, Izd-vo "Znanie," 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3. Ekonomika, no.4) (MIRA 12:5)
(China--Economic conditions)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

[redacted], S.

Artificial fertilizers and the increase of yield.

p. 245 (Poljoprivredni Pregled. Vol. 5, no. 4/5, Apr./May 1957. Sarajevo, Yugoslavia)

Monthly Index of East European Accessions (MEAI) LC. Vol. 7, no. 2, February 1958

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; STOGOVA, A.V.; LOMAKHOV, A.S.

Extractive determination of iron with ethyl acetocetate. Zav.lab 26 no.10:1104-1106 '60. (MIRA 13:10)

1. Kombinat "Severonikel'".
(Iron—Analysis) (Acetoacetic acid)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S. Ye.; TUZHILINA, N.V.; GAYEVA, L.M.; LOMEKHOV, A.S.

Use of fatty acids of the C_{7} - C_{9} fraction for the seperation of the iron and copper from cobalt. Zhur.anal.khim. 16 no.3:303-307 My-Je '61. (MIRA 14:6)

1. Kombinat "Severonikel'," Monchegorsk.
(Cobalt--Analysis)
(Iron)
(Copper)
(Acids, Fatty)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; LOMEKHOV, A.S.

Kinetics of copper extraction with a solution of lead diethyldithiocarbamate. Zhur. anal. khim. 18 no.5:567-569 My'63. (MIRA 17:2)

1. Kombinat "Severonikel'", Monchegorsk.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; STOGOVA, A.V.; LOMEKHOV, A.S.

Consecutive extractive separation and determination of copper, iron, and cobalt in electrolytic nickel. Zav. lab. 27 no. 4:386-387 '61. (MIRA 14:4)

1. Kombinat "Severonikel'".
(Copper—Analysis) (Iron—Analysis) (Cobalt—Analysis)
(Nickel—Analysis)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; TUZHILINA, N.V.; LOMEKHOV, A.S.

Use of C_7 - C_9 fatty acids for separating iron and copper from nickel. Zhur. anal. khim. 18 no.9:1080-1082 S '63. (MIRA 16:11)

1. "Severonickel" Combine, Monchegorsk.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; TUZHILINA, N.V.; GAYEVA, L.M.; LOMEKHOV, A.S.

Extraction separation of iron by a mixture of fatty acids of the C_7 - C_9 fraction. Zav.lab. 28 no.3:266-268 '62. (MIRA 15:4)

1. Kombinat "Severonikel'".

(Iron) (Acids, Fatty)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; LOMEKHOV, A.S.; STOGOVA, A.V.

Determination of silver by means of copper diethyldithiocarbamate. Zhur.anal.khim. 17 no.6:674-677 S '62.
(MIRA 16:1)

1. Severnyy nikelevyy kombinat, Monchegorsk.
(Silver—Analysis) (Carbamic acid)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KREYMER, S.Ye.; MIKHAYLOV, P.M.; STOGOVA, A.V.; LOMEKHOV, A.S.

Chemico-spectral method of analysis of pure nickel and cobalt. Zhur. anal.khim. 19 no.9:1117-1121 '64. (MIRA 17:10)

1. "Severonickel" Combine, Monchegorsk.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMETS, M. I. and PODOKSIK, G. A. (Veterinary Assistant Surgeon and Veterinary Surgeon, Town of Borisov, Belorussian SSR)

"Treatment of erysipelas in swine with bicillyn"

Veterinariya, Vol. 38, no. 10, October 1961, pp. 81-89

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

Lomeyko, Ye. I.

USSR/ Geology

Card 1/1 Pub. 22 - 31/49

Authors : Loginov, V. P., and Lomeyko Ye. Lomeyke, E. I.

Title : New data about the geological age of the western plutonic complex of central Ural

Periodical : Dok. AN SSSR 100/5, 957-960, Feb 11, 1955

Abstract : New geological data are presented showing the parallelism between the formation of the western complex of deep rocks of the Ural mountains and the stages of the Upper Silurian volcanism. Twelve USSR references (1937-1953). Diagram.

Institution : Academy of Sciences USSR, Institute of Geological Sciences

Presented by : Academician A. G. Betekhtin, November 30, 1954

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KONONOVA, V.A.; OSOKINA, N.I.; [illegible]

Composition and temperature of the crystallization of nepheline from rocks of the ijolite-melteigite series. Izv. AN SSSR. Ser. geol. 30 no.7:65-73 Jl '65. (MIRA 18:7)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIC, V.

Another discovery of an unknown manuscript of Abraham Schaitzer's Mine Kapitel. p.229.

CESKY LID, (Ceskoslovenska akademie ved. Ustav pro etnografii a folkloristku) Praha, Czechoslovakia

Vol. 46, No. 5, 1959

Monthly list of East European Accessions (EEAI) LC. VOL. 9, No. 1. January 1960 Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIC, Vaclav, promovany historik

From the history of Czechoslovak mining schools. Uhli 6 no. 8: 264-265 Ag '64.

1. Czech Higher School of Technology, Prague.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIC, Vaclav, CSc.

Anniversary of the oldest Czechoslovak technological society.
Inz stavby 13 no.4:155-156 Ap '65.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

STRYHAL, Frantisek, MUDr.; LOMICEK, Miroslav, MUDr.

Notes on treatment of fractures and dislocations of the leg.
Acta chir. orthop. traum. cech. 22 no.3:87-94 May 55.

1. Z I. kliniky pro orthopedickou a detskou chirurgii v Praze, prednosta prof. Dr. J. Zahradnicek.
(LEG, fractures
fract. with disloc., surg.)
(FRACTURES
leg, with disloc., surg.)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M., Dr.; CIZEK, V., Dr.

Malignant bone tumors. Acta chir. orthop. traum. cech. 24 no.3:225-231 May 57.

1. I. Klinika pro orthopedickou a detskou chirurgii KU v Praze, prednosta prof. Dr. J. Zahradnicek.
(BONES, neoplasms
malignant forms (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M., MUDr.

Problems in the differnetial diagnosis between tuberculosis and cachetic tumors of bones and joints. Acta chir. orthop. traum. cech. 24 no.3:232-234 May 57.

1. I. Klinika pro orthopedickou a detskou chirurgii, prednosta prof. Dr. J. Zahradnicek. M. L., Polska 19, Praha 12.
(TUBERCULOSIS, OSTEOARTICULAR, differ. diag.
bone & joint tumors, problems (Cz))
(BONES, neoplasms
differ. diag. from osteoarticular tuberc., problems (Cz))
(JOINTS, neoplasms
same))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M.; NAHODA, J.; RUPPERT, J.

Results of surgical therapy of congenital hip dislocation. Acta chir. orthop. traum. cech. 26 no.5-6:542-545 1959.

1. I. klinika pro ortopedickou a detskou chirurgii v Praze, prednosta prof. dr. J. Zahradnicek.
(HIP, fract. & disloc.)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M.

On the problem of so-called adamantinomas of the long bones. Acta chir.orthop.traum.cech. 28 no.3:241-245 Je '61.

1. I.klinika pro ortopedickou a detskou chirurgii KU v Praze, prednosta prof. dr. M. Jaros.

(BONE AND BONES neoplasms)
(ADAMANTINOMA surgery)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

NAHODA, J.; LOMICEK, M.

Coxa vara in adolescence. Acta chir. orthop. trauma. Cech. 28 no.6:504-512 D '61.

1. I klinika pro ortopedickou a detskou chirurgii v Praze, prednosta prof. dr. M. Jaros.
(HIP abnorm)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M.

An unusual sports injury of the knee joint. Acta chir. orthop. trauma. Cech. 28 no.4:380-382 Ag '61.

1. I Klinika pro ortopedickou a detskou chirurgii KU v Praze, prednosta prof. dr. M.Jaros.
(KNEE wds & inj.)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICEK, M.

Surgical treatment of scoliosis at the 1st Orthopedic Hospital in Prague. Acta chir. orthop. traum. cech. 29 no.5:462-466 O '62.

1. I. ortopedicka klinika fak. vseob. lek. University Karlovy v Praze, prednosta prof. dr. M. Jaros.
(SCOLIOSIS)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

DRECHSLER, B.; VACEK, J.; DANHELOVA, V.; LOMICEK, M.

Electrophysiological study of direct and reflex excitability of spinal cord motor neurons in idiopathic scoliosis. Cesk. neurol. 27 no.4:233-237 Jl'64

1. Neurologicka klinika (prednosta: akademik prof. K.Henner); klinika pro ortopedii a detskoy chirurgii (prednosta prof. dr. M.Jaros) fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KADLECOVA, V.; LOMICKOVA, H.; LOMICEK, M.

Angulus iridocornealis in idiopathic scoliosis. Cesk. oftal. 21 no.5:403-407 S '65.

1. II. ocni klinika (prednosta akademik J. Kurz) a klinika ortopedie a detske chirurgie (prednosta prof. dr. M. Jaros, DrSc.) Karlovy University v Praze.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, Helena, Dr

The importance of ocular findings in the diagnosis of cystinosis.
Cesk.ofth. 11 no.4-5:288-293 1955

1. Z II. ocni kliniky university Karlovy v Praze, prednosta akademik Jaromir Kurz.
(CYSTINE, metabolism
cystinosis, ocular manifest.)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

1378. LOMÍČKOVÁ H. and OTRADOVEC J. 2. Oční Klin., Karlovy Univ., Praha; Ústí. pro Péči o Matku a Dítě v Praze-Podolí. *Krvácení do sítnice u novorozenců. Retinal haemorrhages in newborn infants ČSL. OFTHAL. 1956, 12/3 (190-197)

Retinal haemorrhages were found in 27.4% out of 500 mature infants in the first 48 hr. after delivery. Relation to the sex, weight of the child or the age of mother could not be ascertained. Retinal haemorrhages were more frequent in children of primiparae (33.8%) than in children of multiparae (20%) and their frequency in-

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creased with the duration of delivery. Special attention was given to signs of foetal hypoxaemia (changes of foetal pulse, post-natal signs of anoxia). These manifestations were found in 38.5% of children with retinal haemorrhages, while only in 20.4% in children with normal retinae. Foetal hypoxaemia is, therefore, considered a very important factor in the aetiology of retinal haemorrhages in newborn infants.

Zahn - Prague (XII, 7, 10)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

Lomickova, H

KADLECOVA, V.; LOMICKOVA, H.

Retinal circulation in congenital heart diseases in children.
Cesk. ofth. 12 no.6:407-411 Dec 56.

1. II. Ocni Klinika v Praze, prednosta akademik J. Kurz.
(CARDIOVASCULAR DEFECTS, CONGENITAL, manifestations,
ophthalmoscopy (Cz))
(OPHTHALMOSCOPY, in various diseases,
cardiovasc. defects, congen. (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMÍČKOVÁ H.

EXCERPTA MEDICA Sec.12 Vo.11/6 Ophthalmology June 57

967. LOMÍČKOVÁ H. 2. Oční Klin., Karlovy Univ., Praha. * Osteomyelitis maxillae u kojenců. Osteomyelitis maxillae in infants ČSL. OFTHAL. 1956, 12/6 (412-417) Illus. 8

Report on 2 cases, both cured after intensive antibiotic treatment. Differential diagnosis from phlegmonous dacryocystitis, orbitocellulitis and erysipelas must be considered. The oculist may be the first to see the child and his early diagnosis might save the life of the seriously ill child. Zahn - Prague (XII, 7*)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, H.

MELICHAR, V.; LOMICKOVA, H.; OTRADOVEC, J.

Eye fundus of premature infants and the occurrence of retrolental fibroplasia. Cas. lek. cesk. 96 no.24-25: 786-791 21 June 57.

1. Ustav pro peci o matku a dite v Praze-Podoli, red. prof. dr. Jiri Trapl, vedouci pediatrickeho vyzkumu prof. dr. Kamil Kubat. II. ocni klinika KU v Praze, prednosta akad. J. Kurz. V. M., Praha-Podoli, Nabr. K. Marxe 157.
(RETROLENTAL FIBROPLASIA (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, Helena

Oxygen therapy of retrolental fibroplasia. Cesk. ofth. 14 no.2:138-146 Apr 58.

1. II. ocni klinika Karlovy university v Praze, prednosta akademik Jaromir Kurz.
(RETROLENTAL FIBROPLASIA, therapy
oxygen ther. in cases not caused by excess oxygen, careful admin. (Cz))

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

DREYFUS, M.; LOMICKOVA, H.; ZICHA, J.

Traumatic retinal detachment, treated at the Second Opthalmological Clinic from 1945-1957. Cas. oft. 15 no.2:221-224 June 59.

1. II. ocni klinika Karlovy university v Praze, prednosta akademik J. Kurz. M.D., Praha 2, U nemocnice 2.
(RETINAL DETACHMENT, etiol. & pathogen.
traum., hosp. statist. (Cz))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA,H.; HRODEK,O.; VLADYKOVA,J.

Changes in the fundus oculi in hemoblastoses in children. Sborn. lek. 62 no.7-8:203-211 J1 '60.

1. II. ocni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik Jaromir Kurz; II detska klinika pediatricke fakulty University Karlovy v Praze, prednosta prof. dr. Josef Houstek.
(LEUKEMIA diag.)
(FUNDUS OCULI)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, H.; RASKA, B.; SNOBL, O.

A contribution to congenital protrusion of the eyeball in developmental anomaly of the orbit. Cesk. ofth. 17 no.6:445-449 S '61.

1. II ocni klinika KU v Praze, prednosta akademik J. Kurz, I detska klinika KU v Praze, prednosta prof. MUDr. J. Svejcar, Dr. Sc. II detska ocni klinika KU v Praze, prednosta MUDr. J. Houstek, Dr. Sc.

(ORBIT abnorm) (EXOPHTHALMOS etiol)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, H.

Prevention of retrolental fibroplasia. Cesk. pediat. 17 no.11:1018-1020 N '62.

1. II. ocni klinika fak. vseob. lek. KU v Praze, prednosta akademik J. Kurz.

(RETROLENTAL FIBROPLASIA)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

DRAGANOVA, N.; LOMICKOVA, H.

Eye symptoms in Down's disease. Cesk. oftal. 19 no.4:235-244 Jl '63.

1. II ocni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Kurz.
(MONGOLISM) (EYE MANIFESTATIONS) (EYELIDS)
(CORNEA) (CATARACT) (REFRACTION, OCULAR)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KADLECOVA, V.; LOMICKOVA, H.; DRAGANOVA, N.

The angle of the anterior chamber in Down's disease. Cesk. oftal. 19 no.4:245-248 Jl '63.

1. II ocni klinika fakulty vseobecnehc lekarstvi KU v Praze, prednosta akademik J. Kurz.
(MONGOLISM) (GONIOSCOPY)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, H.

Notes on myopia in premature children. Cesk. oftal. 20 no.3: 195-201 My '64.

1. II ocni klinika fakulty vseobecneho lekarstvi KU [Karlova Universita] v Praze (prednosta akademik J. Kurz).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA, H. ; SOUKUP, F. MUDr.

About the development of detachment of the immature retina.
Cesk. oftal. 21 no.3:271-277 My '65

1. II. Oeni klinika fakulty všeobecneho lekarstvi Karlovy University v Praze (prednosta: Akademik J. Kurz) ; Oeni oddeleni Obvodniho ustavu narodniho zdravi v Mlade Boleslavi (Vedouci: MUDr. F. Soukup).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KADLECOVA, V.; LOMICKOVA, H.; LOMICEK, M.

Angulus iridocornealis in idiopathic scoliosis. Cesk. oftal. 21 no.5:403-407 S '65.

1. II. ocni klinika (prednosta akademik J. Kurz) a klinika ortopedie a detske chirurgie (prednosta prof. dr. M. Jaros, DrSc.) Karlovy University v Praze.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMICKOVA-RYSPLEROVA, Helena, Dr

Surgery of congenital cataract. Cesk. ofth. 10 no.4:235-241 Aug. 54.

1. Z II. ocni kliniky Karlovy university v Praze. Prednosta: prof. Dr J.Kurz.
(CATARACT EXTRACTION,
congen. cataract)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, G I

EPP
.R92930

O SOTSIALISTICH SKOM SODERZHANII I NATSIONAL'NOY FORME LITERATURY NARODOV SSSR.

MOSKVA, IZD-VO ZNANIYE, 1952.

30 P. (VSESOYUZNOYE OBSHCHESTVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH ZNANIY. 1952, SERIYA 1, NO. 57)

RUSSIA

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, G.I.

Pneumatic feeder. Stek.i ker. 17 no.7:42-43 Jl '60.
(MIRA 13:7)
(Avchala--Bottles)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

BEZESHCHEVICH, Ivan Ivanovich, kand. tekhn.nauk, dots.; LOMIDZE, G.I., red.

[Principles of the design of contactless remote-control devices; manual on a course in "Principles of automatic control, automation, and remote control of electric power supply systems" for fourth-year students of "Railroad electrification"] Printsipy postroeniia beskontaktnykh telemekhanicheskikh ustroistv; uchebnoe posobie po distsipline "Osnovy avtomatiki i avtomatizatsii i teleupravleniia ustroistvami Energosnabzheniia" dlia studentov VI kursa spetsial'nosti "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1964. 44 p. (MIRA 17:12)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

BARTENEV, Prokofiy Vasil'yevich, prof. [deceased]; KONSTANTINOV, Vasiliy Nikolayevich, dots.; SKALOV, K.Yu., kand. tekhn. nauk, red.; LOMIDZE, G.I., red.

[Arrangement of trackage and stations] Ustroistvo puti i stantsii. Moskva, Transport, 1965. 351 p. (MIRA 18:8)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

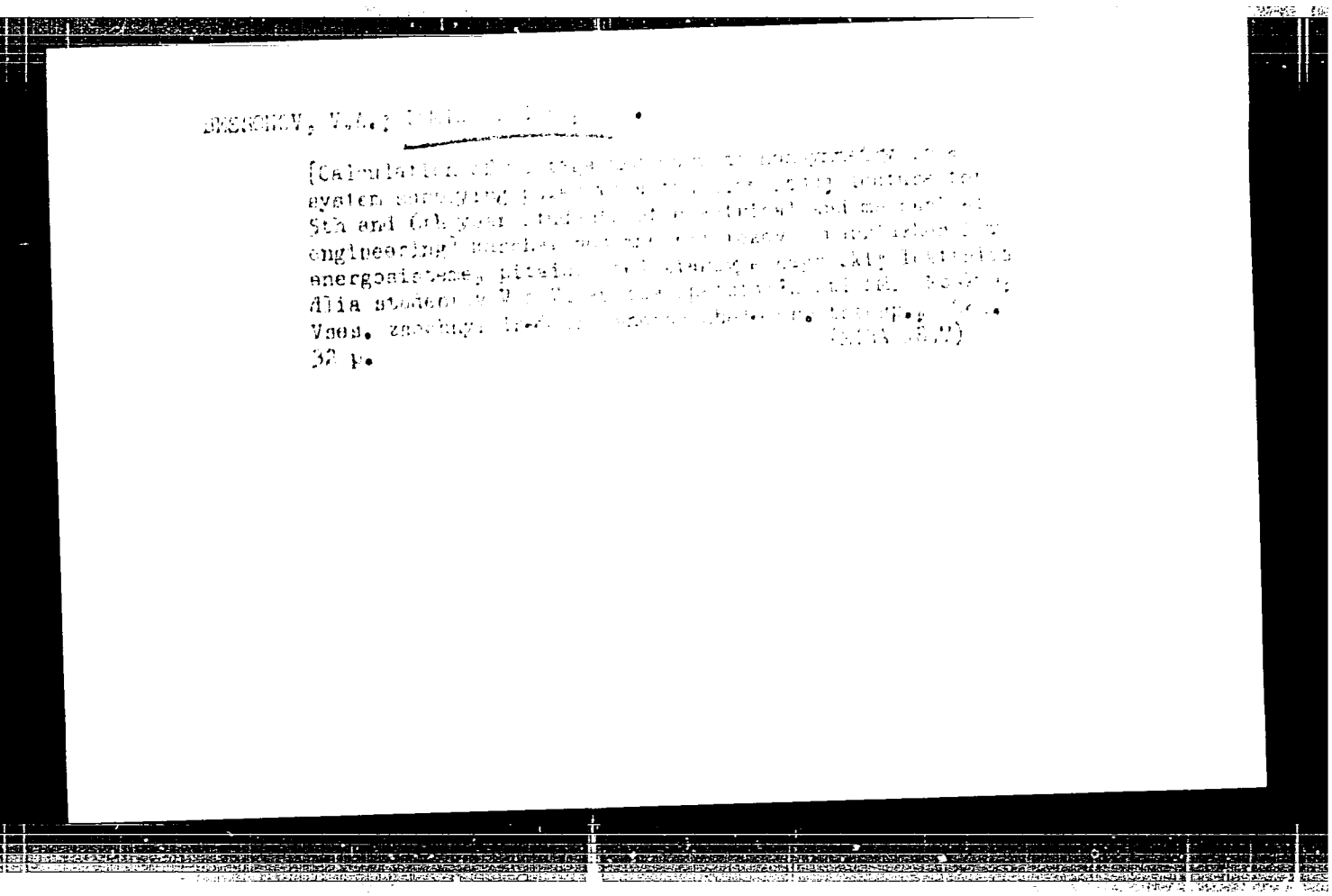
"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

BARTENEV, F.V., doktor tekhn. nauk prof.[deceased]; [illegible], G.I., red.

[Hump yards; manual for the fifth year correspondence students specializing in "Railroad Management"] Sortirovochnye stantsii; uchebnoe posobie dlia studentov-zaochnikov V kursa spetsial'nosti "Ekspluatatsiia zheleznykh dorog." Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1964. 67 p. (MIRA 18:3)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1



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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

OPENDIK, Moisey Davidovich; GANKIN, Nikolay Borisovich;
LOMIDZE, G.I., red.

[High-speed traffic of passenger trains; experience of the Oktiabr' Railroad] Skorostnoe dvizhenie passazhirskikh poezdov; opyt Oktiabr'skoi dorogi. Moskva, Transport, 1965. 70 p. (MIRA 18:10)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, G.M., prof., doktor tekhn.nauk

Electric packing of clayey soils. Nauch.dokl.vys.shkoly; stroi. no.1: 93-103 '58. (MIRA 12:1)

1. Rekomendovana kafedroy osnovaniy, fundamentov i konstruktsiy Moskovskogo energeticheskogo instituta.
(Electroosmosis) (Soil mechanics)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, N. L., MARUASHVILI, G. M., MGALOBLISHVILI, O. V., KUCHUKASHVILI, M. V. and ZIRAKISHVILI, L. M.

"The Discovery of Toxoplasma Gondii in Rats in the Suburbs of Tbilisi."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Medical Parasitology Tibilisi

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

BAKHTADZE, I.D.; TATISHVILI, A.Z.; LOMIDZE, N.M.

Effect of chemical additives on accelerating the hardening of pumice concrete. Trudy Inst.stroi.dela AN Gruz.SSR 8:107-118 '60. (MIRA 14:10)

(Lightweight concrete)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

BAKHTADZE, I.D.; TATISHVILI, A.Z.; LOMIDZE, N.M.

Some problems in choosing the best composition for pumice concrete. Trudy Inst.stroi.dela AN Gruz.SSR 8:137-142 '60. (MIRA 14:10)
(Lightweight concrete)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, N.M., inzh.

Cellular concretes based on local raw material of the Georgian S.S.R. Stroi. mat. 8 no.5:37-39 My '62. (MIRA 15:7)
(Georgia--Lightweight concrete)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, N .M.

Investigation of the strength and deformability of foam silicate made with spongolite. Trudy Inst. stroi. mekh. i seism. AN Gruz. 10:115-127 '64. (MIRA 18:11)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

KESHELAVA, B.F.; LOMIDZE, N.M.

Investigating the physichomechanical properties of cellular concrete on a base of Adzhameti spongolite. Trudy Inst. stroi.mekh. i seism. AN Gruz. SSR 9:89-92 '63. (MIRA 17:12)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, T.D.

Some functional tests of the liver in thyrotoxicosis before and after surgery. Soob. AN Gruz. SSR 21 no.4:497-503 O '58. (MIRA 12:4)

1. AN GruzSSR, Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno akademikom K.D. Eristavi.
(THYROID GLAND) (LIVER)

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NATSVLISHVILI, G.A.; LOMIDZE, T.D.; TABIDZE, F.N.

Significance of some methods of research on the peripheral vessels in the diagnosis of endarterites. Soob. AN Gruz. SSR 35 no.3:733-738 S '64. (MIRA 17:11)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMIDZE, T.D.

Some tests of liver function in simple goiter before and after operation. Soob.AN Gruz.SSR 21 no.5:617-621 N '58. (MIRA 12:5)

1. Thilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno akademikom K.D.Eristavi.
(GOITER) (LIVER)

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LOMIDZE, T. D., Candidate of Med Sci (diss) -- "Material for the study of certain functions of the liver in thyrotoxicoses". Tbilisi, 1959. 18 pp (Tbilisi State Med Inst), 200 copies (KL, No 21, 1959, 120)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

ICHIDA, T.D ; CHKHEIDZE, E.D.

Significance of some methods for studying the peripheral vessels in thrombophlebites of the lower extremities. Soob. AN Gruz. SSR. 35 no.1:241-244 Jl '64. (MIRA 17:10)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

SIKHARULIDZE, T.S.; LOMIDZE, T.L.

Treatment of multiple ulcers of the stomach and duodenum. Soob. AN Gruz. SSR 31 no. 2:475-479 Ag '63. (MIRA 17:7)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

137-58-6-11992

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 115 (USSR)

AUTHORS Agladze, R.I., Gaprindashvili, V.N., Mzareulishvili, N.V., Lomidze, T.N.

TITLE Cementation of Antimony With Metallic Precipitants (Tsementatsiya sur'my metallicheskimi osaditelyami)

PERIODICAL Tr. In-ta metalla i gorn. dela. AN GruzSSR, 1957, Vol 8, pp 135-140

ABSTRACT Conditions permitting maximum extraction of Sb from solutions were studied and various other precipitants were investigated in an effort to replace them with Al. The degree of extraction of Sb increases as the quantity of metallic Al introduced into the reacting mixture is increased; it reaches a maximum when the amount of Al is twice as great as the stoichiometric value. Introducing an excess of NaOH into the initial solution reduces the duration of the cementation process from 3 to 1,0-1.5 hours and increases the degree of extraction of Sb (up to 94%). In the case of aluminum-silicon the degree of Sb extraction increases with increasing temperature and reaches its maximum value (65.8%) at 100°C. Maximum extraction of Sb (98.8%) is attained at an SB-SiAl ratio of 8. G.S.

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1. Antimony--Separation 2. Solutions--Properties 3. Aluminum--Effectiveness 4. Sodium hydroxide--Effectiveness

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S/058/62/000/003/087/092
A061/A101

#46760

AUTHORS: Tsintsadze, N. L., Lominadze, D. G.

TITLE: Determination of the shape of the electron-ion beam in magneto-hydrodynamic approximation

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1962, 60-61, abstract 3Zh375 ("Pizikis institutis shromebi. Sakartvelos SSR Metsnierebata Akademia, Tr. In-ta fiz. AN GruzSSR", 1960, v. 7, 187-192, Georgian; Russian, English summaries)

TEXT: The shape of a thin axially symmetric electron-ion beam, whose cross section changes along its axis, is determined. The problem is solved by magneto-hydrodynamic approximation assuming infinite medium conductivity and zero viscosity. The beam radius oscillates slightly. In the case of arbitrary beam oscillations with respect to the mean radius, the calculation of the integral cannot be carried out in general. However, a qualitative consideration yields the expression for the beam oscillation period.

A. Zimelev

[Abstracter's note: Complete translation]

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BASSARSKAYA, T.A., nauchnyy sotrudnik; GOLIKOVA, T.N., nauchnyy sotrudnik; LOMILINA, L.Ye., nauchnyy sotrudnik; OKOLOV, V.V., nauchnyy sotrudnik; TOPORKOVA, G.D., nauchnyy sotrudnik; USTINOVA, Yu.P., red.; YEMZHIN, V.V., tekh.red.

[Climatic data for the calculation of high-voltage power transmission lines. Vol.2. Wind force on overhead lines in the U.S.S.R.] Raschetnye klimaticheskie usloviia dlia vysokovol'tnykh linii elektroperedachi. Tom II. Vetrovye nagruzki vozdushnykh linii elektroperedachi v SSSR. Moskva, Gos. energe izd-vo, 1962. 158 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektroenergetiki.) Trudy, no.14) (MIRA 16:3)

1. Klimatologicheskiy sektor laboratorii vysokovol'tnykh setey Vsesoyuznogo nauchno-issledovatel'skogo instituta elektroenergetiki (for Bassarskaya, Golikova, Lomilina, Okolov, Toporkova).
(Electric lines--Overhead)
(Electric lines--Poles and towers)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

LOMILINA, L.Ye., inzh.; TOPORKOVA, G.D., inzh.

Ice crust loads of overhead lines in the Volgograd Province. (MIRA 19:2)
Trudy VNIIE no.21:144-153 '64.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

S/749/60/007/000/00[illegible]

AUTHORS: Tsintsadze, N. L., and Lominadze, D. G.

TITLE: Determination of the shape of an electron-ion beam in magnetohydr[illegible] dynamic approximation.

SOURCE: Akademiya nauk Gruzinskoy SSR. Institut fiziki. Trudy, v.7, 1960, 187-192 (In Georgian, with 2-page Russian résumé).

TEXT: A theoretical determination is made of the shape of a slender axial[illegible] symmetrical electron-ion beam, the cross-section of which varies along its axi[illegible] Earlier papers by other authors had established the possible existence of a stat[illegible] ary state of an electron-ion beam with an uncompensated electric charge, in wh[illegible] the electrostatic repulsive force of the electrons (partly compensated by ion[illegible] the pressure force is balanced by the Lorentz force. The present problem is [illegible] in a magnetohydrodynamic (MHD) approximation, assuming the conductivity of [illegible] medium to be infinite, the viscosity zero, the longitudinal force considerably gre[illegible] than the transverse force (beam radius much smaller than internodular distanc[illegible] and the motion of the conducting liquid to be adiabatic (insignificant heat-exch[illegible] processes). Syrovatskiy's system of MHD equations (Usp. fiz. nauk, v.62, [illegible] is solved in the form of power series. A second-order differential equation [illegible]

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

Determination of the shape of an electron-ion ... S/749/60/007/000/[illegible]

found relative to the effective radius of the beam. The integral thereof [illegible] be evaluated for arbitrary oscillations of the beam relative to [illegible] a [illegible] but a qualitative assessment shows that the electron-ion beam [illegible] potential well; the period of oscillation of the beam is expressed in terms of total energy and the geometric beam parameters. There are 1 [illegible] and 2 references (1 Soviet and 2 English-language, namely: Bennet, W. H., Phys. Rev., v.84, 830. v.98, 1955, 1584; and Pease, P. S., Ph. Soc., Proc., v. B 7[illegible]

ASSOCIATION: None given.

Card 2/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

27165
S/057/61/031/009/005/019
B109/B138

24.6714
24.6712

AUTHORS: Tsintsadze, N. L., Lominadze, D. G.

TITLE: Interaction of an ion beam with a magnetically active plasma

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 31, no. 9, 1961, 1039-1048

TEXT: The authors study the interaction of a cylindrical beam (radius r_0) of charged particles, whose velocity is subject to a thermally conditioned scatter, with an infinite homogeneous electron-ion plasma in the presence of an external constant magnetic field H_0. They give conditions for the excitation of oscillations. (1) Determination of the dielectric tensor ε_{ik}: assumption: beam parallel to H_0. From the Maxwell equations and the formula $F_\alpha(v,r,t) = f_{0\alpha} + f_\alpha$, $|f_\alpha| \ll f_0$ (A) for the distribution function, one obtains, by integration of the plasma equations of motion, the tensor

$$\varepsilon_{ik} = \begin{pmatrix} \varepsilon & ig & 0 \\ -ig & \varepsilon & 0 \\ 0 & 0 & \eta \end{pmatrix}, \qquad (B),$$

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430010-1

Interaction of an ion beam with ...

where

$$\left.\begin{aligned} \varepsilon &= 1-\sum_{\alpha}\frac{\Omega_\alpha^2}{2\omega^2}(\omega-ku_\alpha)\left[\frac{1}{\omega+\omega_{H\alpha}-ku_\alpha}+\frac{1}{\omega-\omega_{H\alpha}-ku_\alpha}\right],\\ g &= -\sum_{\alpha}\frac{\Omega_\alpha^2}{2\omega^2}(\omega-ku_\alpha)\left[\frac{1}{\omega-\omega_{H\alpha}-ku_\alpha}-\frac{1}{\omega+\omega_{H\alpha}-ku_\alpha}\right],\\ \eta &= 1-\sum_{\alpha}\frac{\Omega_\alpha^2}{(\omega-ku_\alpha)^2}. \end{aligned}\right\} \quad (7),$$

k component of the wave vector along $\vec{H}_0$, $\Omega_\alpha^2 = \frac{4\pi e^2 n_\alpha}{m_\alpha}$ (C) $\alpha = 1,2$ type of particles in the beam, $\alpha = 3,4$ type of particles in the plasma, 1,3 ions, 2,4 electrons, $\vec{E},\vec{H}$ wave, $\omega_{H\alpha} = e_\alpha H/m_\alpha c$, $n_1 = n_2$, $n_3 = n_4$ beam and plasma density, $u_\alpha(u_1,u_2,0,0)$. (2) Dispersion equations: assumption: components of the electromagnetic field proportional to $\exp\{i(kz - \omega t)\}$. From the Maxwell equations and the conditions for continuity of the tangential components at the interfaces beam-plasma, the following results for the

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Interaction of an ion beam with ...

transverse oscillations of the plasma:

$$\frac{I_1(\gamma_1 r_0)}{\gamma_1 r_0 I_0(\gamma_1 r_0)} = -\frac{K_1(\gamma_3 r_0)}{\gamma_3 r_0 K_0(\gamma_3 r_0)}. \qquad (17),$$

where

$$\left.\begin{aligned} \gamma_1^2 &= \frac{\omega^2}{c^2}\frac{(N^2-\varepsilon)^2-\varkappa^2}{N^2-\varepsilon}, \quad \gamma_3^2 = \frac{\omega^2}{c^2}\frac{(N^2-\varepsilon_0)^2-\varkappa_0^2}{N^2-\varepsilon_0}, \\ \gamma_2^2 &= \frac{\omega^2}{c^2}\frac{\varkappa_1(N^2-\varepsilon)}{\varepsilon}, \quad \gamma_4^2 = \frac{\omega^2}{c^2}\frac{\varkappa_{i0}(N^2-\varepsilon_0)}{\varepsilon_0}. \end{aligned}\right\} \qquad (16),$$

$N^2 = c^2k^2/\omega^2$. (3) Ion-cyclotron resonance: (A) Assumption: only ion beam, $\varkappa r_0 > 1$, temperature distribution of particles isotropic.

Designation: beam components without index, plasma ions index i, plasma electrons index e. (a) If the heat motion is neglected, the following results from (7), (17) for the increment of the wave increase:

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Interaction of an ion beam with ...

$$\frac{\nu}{\Omega} = i\frac{u-V}{uV}\left[\frac{1-\frac{V^4}{c^4}}{\frac{2(u-V)}{V}+\frac{V^2}{c^2}\frac{u-V}{V}-\frac{c^2}{V_{Ai}^2}\frac{(u-V)^3}{u^2V}}\right]^{1/3}, \qquad (25),$$

where $V = \omega/K$ phase velocity of the waves, V_{Ai} Alfvèn velocity. Result: Oscillatory excitation occurs if $u > V$. (b) Considering the heat motion in the plasma, the following holds:

(28).

Result: oscillatory excitation if $u > V$. (c) Ion beams of low density, with thermally conditioned velocity scatter, interaction with "cold" plasma:

(31).

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